

EAST - [microfluidic.wsp:1]

FileViewEditToolsWindowHelp

Drafts

Pending

Active

Failed

Saved

L1: (1) ("5908755").PN.

L2: (1) ("5922604").PN.

L3: (1) ("5958694").PN.

L4: (21808) ion-exchange

L5: (20394) 4 and (mix\$)

L6: (3920) 5 and (channel or capillary)

L7: (834) 6 and detector

L8: (59) 7 and (vacuum adj pump)

L9: (29) 8 and (electrode or (electric adj fie

S13: (414) (436/541).CCLS.

S14: (220) S13 and chromatography

S15: (1) ("5942443").PN.

S16: (1) ("6235471").PN.

S17: (1) ("6274337").PN.

S18: (1) ("6287520").PN.

S19: (1) ("6287774").PN.

S20: (1) ("6306590").PN.

SearchListBrowseAddClear

DBsUSPAT

Default operatorOR

and (electrode or (electric adj field))

BRIS formIS&R formImageTextHTML

U	1	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	Im
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HTML

Ready

NUM

EAST - [microfluidic.wsp:1]

File View Edit Tools Window Help

☐ Drafts
☐ Pending
☒ Active

- L1: (21834) ion-exchange
- L2: (20418) L1 and (mix\$)
- L3: (3926) L2 and (channel or capillary)
- L4: (838) L3 and detector
- L5: (59) L4 and (vacuum adj pump)
- L6: (29) L5 and (electrode or (electric adj field))
- L7: (30) L5 not L6
- L8: (170) 4 and (mix\$ with (channel or capillary or chamber))
- L9: (132) 8 and (protein or antibody or antibodies or nucleic)
- L10: (129) 9 and separation
- L11: (69) 10 and pump
- L12: (55) L11 not L5

☐ Failed
☒ Saved

- S13: (414) (436/541).CCLS.
- S14: (220) S13 and chromatography
- S15: (1) ("5942443").PN.
- S16: (1) ("6235471").PN.
- S17: (1) ("6274337").PN.
- S18: (1) ("6287520").PN.

Search:

DB:

Default operator: OR

L11 not L5

	U	I	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P						
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6815212	20041109	91	Methods and compositions for enhanc	436/173	435/6;		Ness; Jeffrey Van	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6814870	20041109	29	Microchip electrospray	210/656	514/23;		et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6811977	20041102	42	device and column with		204/450;		Zhang; Sheng et	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6811689	20041102	30	Rapid, quantitative	435/6	210/198.2;		al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6777727	20040817	15	method for the mass spe		250/282;		Wold; Barbara J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6762057	20040713	13	Microchip electrospray	210/198.2	435/91.2;		et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6749749	20040615	36	device and column with		204/600;		Zhang; Sheng et	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6699719	20040302	35	Flexural plate wave	257/257	210/243;		al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6613508	20030902	109	svstems		257/431		Dunn; Gregory J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6605454	20030812	32	Separation apparatus	436/161	210/198.2;		et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	including porous silico		210/199;		Gilton; Terry L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	Separation system,	210/198.2	210/502.1;		Xie; Shaofeng et	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	components of a separat		210/635;		al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	Biosensor arrays and	436/71	422/82.02;		Yamazaki; Miki	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	methods		422/82.06;		(Vikky) et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	Methods and	435/6			Ness; Jeffrey Van	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	compositions for analyz				et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	Microfluidic devices	435/173.7	219/690;		Barenburg; Barbara	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	with monolithic microwa		219/691;		Foley et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>	US 6524480	20030225	35	Non-polar media for	210/635	210/198.2;		Gjerde; Douglas T.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

EAST - [microfluidic.wsp:1]

File View Edit Tools Window Help

Drafts

- BRS: 8 and (

Pending

Active

- L1: (1) ("5271724").PN.
- L2: (1) ("5277556").PN.
- L3: (1) ("5171132").PN.
- L4: (1) ("5375979").PN.
- L5: (164) (microfluidic or micro-fluidic) and (ion-exchange or (ion adj exchange))
- L6: (344) (microfluidic or micro-fluidic) and (ion-exchange or (ion adj exchange)) ✓
- L7: (164) 6 and (pump or micropump or micro-pump) ✓
- L8: (163) 7 and (mix\$ or intersect\$)
- L9: (132) 7 and enzyme ✓

Failed

- S59 and (ion-exchange with inlet
- 5 and (pump

Saved

- S13: (414) (436/541).CCLS.
- S14: (220) S13 and chromatography
- S15: (1) ("5942443").PN.
- S16: (1) ("6235471").PN.
- S17: (1) ("6274337").PN.
- S18: (1) ("6287520").PN.

7 and enzyme

U	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P						
1	US 6818112	20041116		Protein separation via multidimensional elect	204/450	204/451;		Schneider; Luke V. et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	US 6814870	20041109	29	Microchip electrospray device and column with	210/656	204/601;		Zhang; Sheng et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	US 6812457	20041102	19	Microfluidic system	250/288	210/198.2;		Andersson; Per et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	US 6812456	20041102	23	Microfluidic system (EDI)	250/288	250/281;		Andersson; Per et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	US 6811689	20041102	30	Microchip electrospray device and column with	210/198.2	204/600;		Zhang; Sheng et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	US 6808522	20041026	23	Microchip devices for delivery of molecules a	604/890.1	210/243;		Richards; Amy C. et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	US 6800744	20041005	151	Nucleic acid and amino acid sequences relating	536/23.1	216/2		Doucette-Stamm; Lynn A. et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	US 6780982	20040824	115	Charge tags and the separation of nucleic a	536/23.1	536/325;		Lyamichev; Victor et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	US 6764817	20040720	55	Methods for conducting metabolic analyses	435/4	536/25.33;		Schneider; Luke V. et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	US 6762022	20040713	91	Compositions and methods for analysis of	435/6	204/450;		Makarov; Vladimir L. et al.	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	US 6759192	20040706	297	Polymorphic markers of	435/6	435/91.1;		Blumenfeld; Marta	✓	✓	✓	✓	✓	✓	✓	✓	✓

Ready

\$ a 530/416 ion-exch
polyach.

- Favorites
- Tagged (0)
- UDC
- Queue
- Trash

83 and
(ion-exchange)

[illegible]



S29: (21808) ion-exchange
 S30: (20394) S29 and (mix\$)
 S31: (3920) S30 and (channel or capillary)
 S32: (834) S31 and detector
 S33: (59) S32 and (vacuum adj pump)
 S34: (29) S33 and (electrode or (electric adj field))
 S35: (1) ("5747274").PN.
 S36: (1) ("4420558").PN.
 S37: (21834) ion-exchange
 S38: (20418) S37 and (mix\$)
 S39: (3926) S38 and (channel or capillary)
 S40: (838) S39 and detector
 S41: (59) S40 and (vacuum adj pump)
 S42: (29) S41 and (electrode or (electric adj field))
 S43: (21834) ion-exchange
 S44: (20418) S43 and (mix\$)
 S45: (3926) S44 and (channel or capillary)
 S46: (838) S45 and detector
 S47: (59) S46 and (vacuum adj pump)
 S48: (29) S47 and (electrode or (electric adj field))
 S49: (30) S47 not S48
 S50: (170) S46 and (mix\$ with (channel or capillary or chamber))
 S51: (132) S50 and (protein or antibody or antibodies or nucleic)
 S52: (129) S51 and separation
 S53: (69) S52 and pump
 S54: (55) S53 not S47
 S55: (1) ("6228326").PN.
 S56: (12) knapp-michael.in.
 S57: (9) S56 and enzyme
 S58: (2313) (microfluidic or micro-fluidic)
 S60: (1) S59 and (ion-exchange with introduc\$)
 S61: (1) S59 and (ion-exchange with inlet)
 S59: (116) S58 and ion-exchange
 S62: (12) knapp-michael.in.
 S63: (0) S62 and ion-exchange
 S64: (7) S62 and ion
 S65: (344) S58 and (ion-exchange or (ion adj exchange))

All items ready

 83 and
 (ion-exc
 hange)

	U	I	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P					
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6511800	20030128	80	Methods of treating	435/4	435/26		Singh; Inderjit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			B1			nitric oxide and cytoki												
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6444793	20020903	84	Hydrophobically-modifie	530/402	436/71;		Pepinsky; R. Blake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			B1			d hedgehog protein comp		530/350;		et al.								

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83 and
(ion-exchange)

[File](#)
[Details](#)
[HTML](#)

- 83 and
(ion-exc
change)

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[illegible]

EAST - [Untitled1:1]

FileViewEditToolsWindowHelp

Drafts

Pending

Active

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

L1: (1060) (ion-exchange or (ion adj exchange)) and ((polyacrylamide or dimethylacrylamide) same...

L2: (389) (ion-exchange or (ion adj exchange)) and ((polyacrylamide or dimethylacrylamide) with m...

L3: (2853) (ion-exchange or (ion adj exchange)) same modified

L4: (1268) (ion-exchange or (ion adj exchange)) with modified

L5: (2338) ((polyacrylamide or dimethylacrylamide) with modified)

L6: (1393) 5 and (anionic or anion or cationic or cation)

L7: (422) 5 and ((anionic or anion or cationic or cation) with modified)

L8: (333) 5 and ((anionic or anion or cationic or cation) with derivat\$)

L9: (122) L8 not L7

L11: (6035) ((polyacrylamide or dimethylacrylamide) with deriv\$)

L10: (482) 6 and ((anionic or anion or cationic or cation) same (polyacrylamide or dimethylacryla...

L12: (623) 11 and ((anionic or anion or cationic or cation) same (polyacrylamide or dimethylacryl...

L13: (23) ((polyacrylamide or dimethylacrylamide) with modified with (functional adj group))

SearchListBrowse

Purely

Highlight all hit terms initially

((polyacrylami
de or
dimethylacryla
mide) with
modified with
(functional
adj group))

BRS formIS&R for

U	1	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3	3	Im
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EAST - [Untitled1:1]

FileViewEditToolsWindowHelp

Active

L1: (1) ("6440645").PN.

L2: (2338) (polyacrylamide or dimethylacrylamide) with modified

L3: (389) 2 and (ion-exchange or (ion adj exchange))

L4: (29) 3 and ((polyacrylamide or dimethylacrylamide) adj2 modified)

L5: (12) 4 and chromatography

L6: (2) 3 and ((polyacrylamide or dimethylacrylamide) adj2 derivatized)

L7: (56) 3 and ((polyacrylamide or dimethylacrylamide) adj5 modified)

L8: (6) 3 and (((polyacrylamide or dimethylacrylamide) adj5 modified) with (ion or cation or cati...

L9: (9) 3 and (((polyacrylamide or dimethylacrylamide) adj5 modified) same (ion or cation or cati...

L10: (3) L9 not L8

L11: (15509) (ion-exchange or (ion adj exchange)) with chromatography

L12: (6788) 11 and (polyacrylamide or dimethylacrylamide)

L13: (614) 11 and ((polyacrylamide or dimethylacrylamide) same modified)

L14: (171) 11 and ((polyacrylamide or dimethylacrylamide) with modified)

L15: (29) 11 and ((polyacrylamide or dimethylacrylamide) adj3 modified)

L16: (1) ("5114855").PN.

L17: (1) 16 and polyacrylamide and modified

L18: (1) ("4904385").PN.

L19: (1) ("5114855").PN.

L20: (1) ("0403512").PN.

L21: (1) ("6440645").PN.

Failed

	U	1	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P							Im
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6440645 B1	20020827	10	Production of microstructures for use	430/322	430/320; 430/323;		Yon-Hin; Bernadette et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US

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